

#### PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q81064

Hideo WATANABE, et al.

Appln. No.: 10/823,798

Group Art Unit: 3711

Confirmation No.: 4687

Examiner: Raeann Gordon

Filed: April 14, 2004

For: GOLF BALL

# SUBMISSION OF EXECUTED DECLARATION UNDER 37 C.F.R. §1.132

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith is a copy of an executed Declaration Under 37 C.F.R. §1.132 signed by Hideo WATANABE.

Respectfully submitted,

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#### THE U.S. PATENT AND TRADEMARK OFFICE

APPLICANT: WATANABE ET AL.

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GROUP: 3711

**EXAMINER:** 

Raeann Gorden

#### DECLARATION

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir,

- I, Hideo Watanabe, resident of c/o Bridgestone Sports Co., Ltd., M&D center Chichibu, 20, Ohnohara, Chichibu-shi, Saitama-ken, Japan do hereby declare that:
- 1. I was graduated from Master Course of Mechanical Engineering,
  Faculty of Science and Technology of Tokyo University of Science, Japan
  in March 1990. From April 1990 to 1993, I was employed by Bridgestone
  Corporation, and in April 1993, I was transferred from Bridgestone
  Corporation to Bridgestone Sports Co., Ltd., the assignee of the
  above-identified application. I have been engaged in research and
  development relating to sporting goods such as golf balls in the laboratory
  of the Company.
  - 2. I am one of the named inventors of the above-identified

application and I am familiar with the subject matter disclosed in said application.

3. In order to show the feature of the present invention, I conducted the following experiment.

### [Experiment]

The object of the experiment is to measure the melt flow rate (MFR) of a cover resin composition of El to E5 of Table 1 disclosed in USP 5,830,086 (Hayashi et al.).

Melt flow rate of the cover resin compositions of E1 to E5 were measured in accordance with JIS K7210 (1999), that is, under conditions: test temperature 190°C and test load 21.2 N (2.16 kgf). The results are as follows.

Table I

Cover		E1	E2	E3	E4	<b>E</b> 5
(Outer layer)	Himilan 1605	-	-	50	30	30
	Himilan 1706	-	-	50	-	-
	Himilan 1601	50	50	-	_	-
	Himilan 1557	50	50	_	50	50
	Himilan 1856	-	-	-	20	20
	Surlyn	-	-	-	-	-
Melt Flow Rate (MFR)		2.1	2.1	1.7	2.7	2.7

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated this /34 day of May, 2005

Hideo watanabe